

REMARKS

Status of the Claims

Pending Claims

Claims 1, 25, 29, 32-34, 37, 40, 42, 44, 46, 48, 49, 51, 52, 72, 82, 83, 86, 87, 89, 91, 94, 96, 103, 110, 114, 124, 129, 160, 162, 166, 169, 170, 172-180, 182, 184, 185, 189-191, 207, 209, 213, 216, and 217.

Claims subject to restriction and/or election

Claims 1, 25, 29, 32-34, 37, 40, 42, 44, 46, 48, 49, 51, 52, 72, 82, 83, 86, 87, 89, 91, 94, 96, 103, 110, 114, 124, 129, 160, 162, 166, 169, 170, 172-180, 182, 184, 185, 189-191, 207, 209, 213, 216, and 217.

Support of the Claim Amendments

The specification sets forth an extensive description of the invention in the amended claims. Accordingly, Applicants respectfully submit that no new matter is introduced by the instant amendment.

Group Restriction Requirement

The Office alleges that the pending claims of the application are directed to thirty-three (XXXIII) separate or distinct inventions under 35 U.S.C. §121, as set forth in detail on pages 2 to 11 of the OA. The Office also requires Group elections for a specific biological sequence, as set forth in detail on page 5 to 6 of the OA.

The Elections – with partial traverse

Group election – with traverse: In response to the Group Restriction Requirement, Applicants elect Group VII, encompassing claims 52, 72, 82-83, 86-87, 166, 191, 209 and 213, drawn to a recombinant polypeptide with a glucosidase activity or a protein preparation or a homodimer or a heterodimer polypeptide, a chimeric protein, a composition, a pharmaceutical composition or a detergent composition.

Rejoining process claims under In re Ochiai

Applicants respectfully request that after the elected product claims of Group VII have been found to be allowable, all withdraw process (methods) claims which depend from or otherwise include all of the limitations of the allowed product claims should be rejoined. MPEP §821.04, §821.04(a), §821.04(b); In re Ochiai, 37 USPQ2d 1127 (Fed. Cir. 1995); In re Brouwer, 37 USPQ2d 1663 (Fed. Cir. 1995); 1184 OG 86, 3/26/96.

Sequence election for biological sequences: In response to the Species Group Restriction Requirement, as discussed on pages 5 to 6 of the OA, Applicants elect invention (E), the genus of polypeptides based on the exemplary protein of SEQ ID NO: 10 or a nucleic acid encoding SEQ ID NO: 10.

Reasons to Reconsider & Withdraw Restriction Requirement

Applicants respectfully request the Patent Office reconsider and withdraw the restriction requirement for the following reasons:

Applicants respectfully request the Patent Office rejoin all claims pending after entry of the instant amendment, including claims from Groups I-III, V, VII-XI, XIII, XIX-XX, XXII-XXIII, XVIII, and XXXI-XXXIII for the following reasons:

The Office alleged that due to the breadth of the pending claims (in particular, the breadth of the claimed genus of biological sequences) in light of US PBPUB 2006/0294620 and GenBank Accession No. NP 637823, the claims do not relate to a single general inventive concept (see, e.g., page 6 of the OA).

This application is a §371 national phase application and restriction is evaluated under:

PCT RULE 13
Unity of Invention

PCT RULE 13.1.
Requirement

The international application shall relate to one invention only or to a group of inventions so linked as to form a single general inventive concept ("requirement of unity of invention").

PCT RULE 13.2.
Circumstances in Which the Requirement of Unity of Invention Is To Be Considered Fulfilled
Where a group of inventions is claimed in one and the same international application, the requirement of unity of invention referred to in Rule 13.1 shall be fulfilled only when there is a technical relationship among those inventions involving one or more of the same or corresponding special technical features. The expression "special technical features" shall mean those technical features that define a contribution which each of the claimed inventions, considered as a whole, makes over the prior art.

Further direction is provided in MPEP 1893.03(d) (MPEP Eighth Ed, Rev. 6, September 2007):

1893.03(d) Unity of Invention [R-6]

A group of inventions is considered linked to form a single general inventive concept where there is a technical relationship among the inventions that involves at least one common or corresponding special technical feature. The expression special technical features is defined as meaning those technical features that define the contribution which each claimed invention, considered as a whole, makes over the prior art. For

example, a corresponding technical feature is exemplified by a key defined by certain claimed structural characteristics which correspond to the claimed features of a lock to be used with the claimed key.

Applicants respectfully aver that after entry of this amendment, all pending claims in this application satisfy PCT Rule 13.2 in that they will share the novel inventive concept based on the genus of polypeptides based on the exemplary SEQ ID NO: 10, encoded by the genus of polynucleotides based on the exemplary SEQ ID NO: 9.

CONCLUSION

Applicants respectfully submit after entry of this amendment, all pending claims in this application satisfy PCT Rule 13.2 that they will share the novel inventive concept based on the genus of polypeptides based on the exemplary SEQ ID NO:10, encoded by the genus of polynucleotide based on the exemplary SEQ ID NO:9.

It is believed that all claims pending in this application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

Applicants believe that no additional fees are necessitated by the present response and amendment. However, in the event any such fees are due, the Commissioner is hereby authorized to charge any such fees to **Deposit Account No. 50-0661**, referencing docket number D1990-1N. However, the Commissioner is not authorized to charge the cost of the issue fee to this deposit account. Please credit any overpayment to this account.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (858)526-0376.

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Respectfully submitted,

By /JenniferRisser/

Jennifer Risser

Registration No.: 60,059

VERENIUM CORPORATION

Intellectual Property Department

PO BOX 910550

San Diego, CA 92121-0550

(858)526-0376

jennifer.risser@verenum.com